

Title (en)

Method for creating a peer-to-peer home network using common group label

Title (de)

Verfahren zur Gestaltung eines Peer-to-Peer Netzwerks mit Hilfe eines gemeinsamen Gruppenetiketts

Title (fr)

Procédé pour créer un réseau peer-to-peer utilisant des étiquettes communes

Publication

**EP 1427149 A1 20040609 (EN)**

Application

**EP 03026861 A 20031124**

Priority

- EP 03026861 A 20031124
- EP 02027122 A 20021204

Abstract (en)

An architecture for a multimedia peer-to-peer home network (P2P\_1,P2P\_2) allows the automated definition of peer groups, or zones, by using group labels (Z\_ID), where each peer (N1,...,N7) is capable of automatically identifying whether other peers are members of the same group, or of another group, and where each peer (N1,...,N7) may freely cooperate with other peers of the same group, e.g. exchange information or share resources like storage capacity. <??>Using this architecture, it is e.g. possible that a user who is accessing a node within a peer group has also access to any other node of the peer group, without being requested for authentication. Another characteristic is that other peer groups (OZ\_41) can be defined which have access rights to network resources and services (N42,N44). Advantageously, the invention simplifies network creation and operation by not requiring the user to have special networking knowledge. <IMAGE>

IPC 1-7

**H04L 12/28**; **H04L 12/24**; **H04L 29/12**; **H04L 29/06**

IPC 8 full level

**H04L 12/24** (2006.01); **H04L 12/28** (2006.01); **H04L 29/06** (2006.01); **H04L 29/08** (2006.01); **H04L 29/12** (2006.01)

CPC (source: EP)

**H04L 12/2803** (2013.01); **H04L 12/2807** (2013.01); **H04L 61/5069** (2022.05); **H04L 63/06** (2013.01); **H04L 67/104** (2013.01); **H04L 67/1046** (2013.01); **H04L 67/1053** (2013.01); **H04L 67/1059** (2013.01); **H04L 69/329** (2013.01); **H04L 2463/101** (2013.01)

Citation (search report)

- [A] US 2002042693 A1 20020411 - KAMPE MARK A [US], et al
- [A] EP 1253766 A2 20021030 - SUN MICROSYSTEMS INC [US]
- [A] WO 02056182 A2 20020718 - EPICREALM OPERATING INC [US]

Cited by

EP2223236A4; KR100967126B1; US7774010B2; WO2009082070A1; WO2007004052A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1427149 A1 20040609**; **EP 1427149 B1 20070124**

DOCDB simple family (application)

**EP 03026861 A 20031124**